R & D CATALOG FORM

DATE: 6 January 1965 25X1

1. PROJECT TITLE/CODE NAME: [redacted] Vacuum Easel Development

2. SHORT PROJECT DESCRIPTION: 25X1
Development for the [redacted] Enlarger of a vacuum easel which will hold down any photographic printing paper.

3. CONTRACTOR NAME: NA

4. LOCATION OF CONTRACTOR: NA 25X1 25X1

5. CLASS OF CONTRACTOR: NA

6. TYPE OF CONTRACT: NA 25X1

7. FUNDS:
FY 19 65 [redacted]
FY 19 $
FY 19 $

8. REQUISITION NO.: NA

10. EFFECTIVE CONTRACT DATE *(Begin - end)*: March '65 - June '65

12. RESPONSIBLE DIRECTORATE/OFFICE/PROJECT OFFICER TELEPHONE EXTENSION: 25X1
DDI/NPIC/P&DS [redacted] 25X1

13. REQUIREMENT/AUTHORITY: This development will allow an operator to use the [redacted] Enlarger with printing paper, which has inherent edge-curl problems, because the easel paper will hold the paper flat without weights, masks, etc. The requirement for the project was levied by NPIC/PSD.

14. TYPE OF WORK TO BE DONE: Engineering development

15. CATEGORIES OF EFFORT

MAJOR CATEGORY	SUB-CATEGORIES
Reproduction and Processing Equipment (Equipment Modification)	Interpretation/Analysis

16. END ITEM OR SERVICES FROM THIS CONTRACT/IMPROVEMENT OVER CURRENT SYSTEM, EQUIPMENT, ETC.
The contract will result in one prototype installed on existing equipment. The improved easel will enable the operator to place printing paper on any area of the vacuum easel and the paper will automatically be held flat.

17. SUPPORTING OR RELATED CONTRACTS *(Agency & Other)*/COORDINATION
From contacts throughout industry and the intelligence community, it has been determined that a development of this type is not presently in existence.

18. DESCRIPTION OF INTELLIGENCE REQUIREMENT AND DETAILED TECHNICAL DESCRIPTION OF PROJECT *(Continue on additional page if required)* The present easel is a flat plate which requires the operator to use weights to hold the printing paper flat during exposure. Because this operation is time-consuming and because paper which is larger than necessary must be used and must later be trimmed, it would be desirable to develop an easel that would eliminate these problems and would generally reduce and expedite enlarger operations. A properly constructed vacuum easel will accomplish this.

Certain objectives will be required:

1. All weights of printing papers must be held flat.

19. APPROVED BY AND DATE

OFFICE	DEPUTY DIRECTOR	DDCI

R & D CATALOG FORM (Continued)

18. 2. The paper must be easily positioned and immediately held flat.

3. The vacuum must be rapidly released.

4. The paper must not be dimpled by the force of the vacuum.

5. The new platen must be positioned with its top surface in the same plane as the existing easel's top surface.